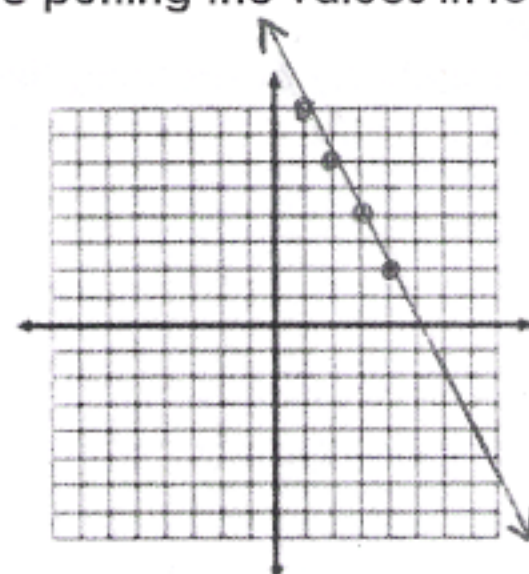


Review

5.) Fill in the table for the equation $y = -2x + 10$. Remember, you are putting the values in for x.

Input x	Work $-2x + 10$	Output y
1	$-2(1) + 10$	8
2	$-2(2) + 10$	6
3	$-2(3) + 10$	4
4	$-2(4) + 10$	2

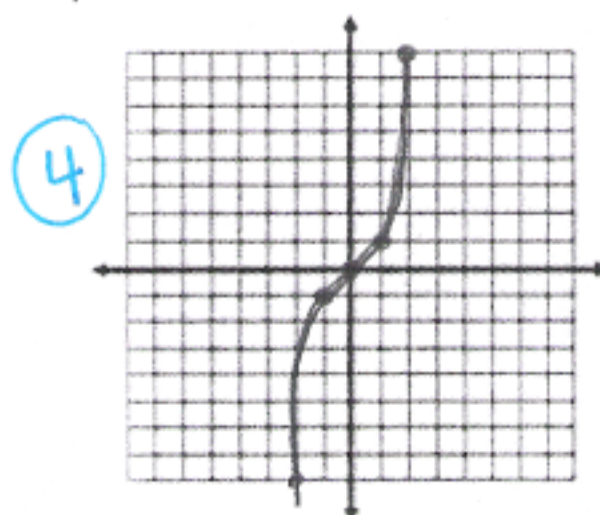


6.) Graph the inputs and outputs from your table in problem 5.

4

7.) Evaluate $y = x^3$ for the values in the table, then graph the points.

Input x	Work x^3	Output y
-1	$(-1)^3 = (-1)(-1)(-1)$	-1
0	$(0)^3 = 0 \cdot 0 \cdot 0$	0
1	$(1)^3 = 1 \cdot 1 \cdot 1$	1
2	$(2)^3 = 2 \cdot 2 \cdot 2$	8
-2	$(-2)^3 = (-2)(-2)(-2)$	-8



8.) Fill in the missing values in the pattern, and tell what the rule is.

4, 9, 19, 34, 54, 79, 109, 144
 5 10 15 20 25 30 35

Rule: Add 5 to the difference each time

9.) Answer the following questions about this expression: $6x^2 - 3y - z + 11$

a.) What is the coefficient of the 3rd term? -1 b.) What is the constant? 11

c.) What is the variable of the 2nd term? y d.) What is the exponent on the variable of the 1st term? 2